

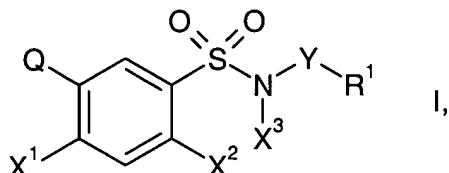
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 (Cancelled)

16. (New) A compound which is a benzenesulfonamide derivative of the formula



in which the variables are as defined below:

X¹ is hydrogen or halogen;

X² is chlorine;

X³ is hydrogen, cyano, C₁-C₆-alkyl, C₁-C₆-alkoxy-C₁-C₄-alkyl, C₃-C₇-cycloalkyl, C₃-C₆-alkenyl, C₃-C₆-alkynyl or phenyl-C₁-C₄-alkyl, where the phenyl radical for its part may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl and C₁-C₆-alkoxy;

Y is a group -C(A)B;

A is oxygen;

B is oxygen or sulfur;

R¹ is hydrogen, halogen, hydroxyl, C₁-C₈-alkyl, C₃-C₇-cycloalkyl, C₃-C₇-cycloalkyl-C₁-C₄-alkyl, C₂-C₈-alkenyl, C₅-C₇-cycloalkenyl, C₃-C₈-alkynyl, C₁-C₈-alkoxy, C₃-C₇-cycloalkyloxy, C₂-C₈-alkenyloxy, C₃-C₈-alkynyloxy, aryl, aryloxy, aryl-C₁-C₄-alkyl; where the 13 last mentioned radicals for their part may be partially or fully halogenated and/or may carry one to three substituents selected from the group consisting of cyano, NO₂, hydroxyl, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₃-C₇-cycloalkyl, C₁-C₆-alkoxy, C₁-C₆-

alkynyoxy, C₁-C₆-alkylthio, C₁-C₆-haloalkylthio, amino, C₁-C₆-alkylamino, di(C₁-C₆-alkyl)amino, C₁-C₆-alkylsulfinyl, C₁-C₆-haloalkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₆-haloalkylsulfonyl, C₁-C₆-alkoxysulfonyl, formyl, C₁-C₆-alkylcarbonyl, C₁-C₆-haloalkylcarbonyl, C₂-C₆-alkenylcarbonyl, C₃-C₆-alkynylcarbonyl, carboxy, C₁-C₆-alkoxycarbonyl, C₁-C₆-haloalkoxycarbonyl, C₂-C₆-alkenyloxcarbonyl, C₃-C₆-alkynyoxy carbonyl, mercaptocarbonyl, C₁-C₆-alkylthiocarbonyl, C₁-C₆-haloalkylthiocarbonyl, C₂-C₆-alkenylthiocarbonyl, C₃-C₆-alkynylthiocarbonyl, aminocarbonyl, C₁-C₆-alkylaminocarbonyl, di(C₁-C₆-alkylamino)carbonyl, C₁-C₆-haloalkylaminocarbonyl, di(C₁-C₆-haloalkylamino)carbonyl, C₂-C₆-alkenylaminocarbonyl, di(C₂-C₆-alkenylamino)carbonyl, C₃-C₆-alkynylaminocarbonyl, di(C₃-C₆-alkynylamino)carbonyl, phenyl, phenoxy, phenyl-C₁-C₄-alkyl and phenyl-C₁-C₄-alkoxy;

four- to six-membered heterocyclyl which may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl and C₁-C₆-alkoxy; or

four- to six-membered heterocyclyl-C₁-C₄-alkyl which may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl and C₁-C₆-alkoxy; or

five- or six-membered heteroaryl having one to four nitrogen atoms or having one to three nitrogen atoms and one oxygen or one sulfur atom or having one oxygen or sulfur atom, which radical may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, amino, C₁-C₆-alkylamino and di(C₁-C₆-alkyl)amino; or

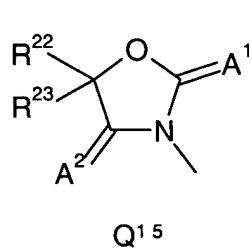
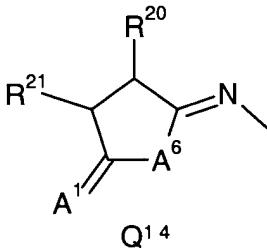
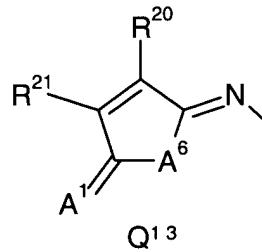
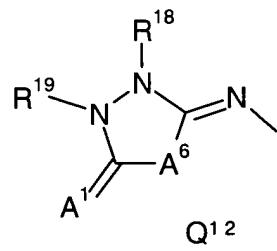
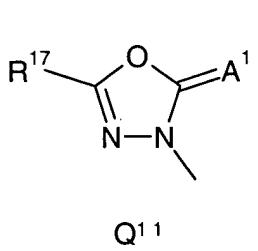
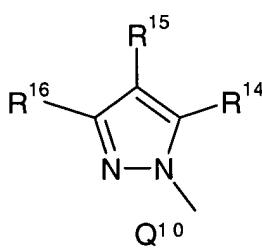
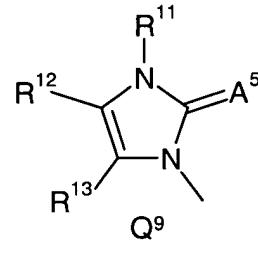
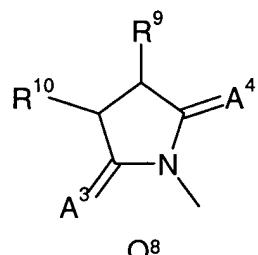
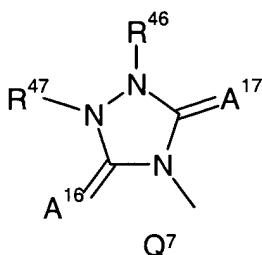
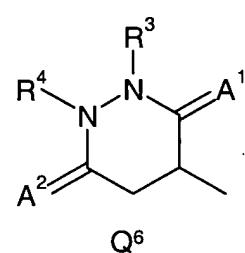
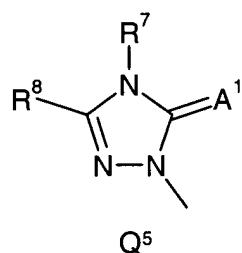
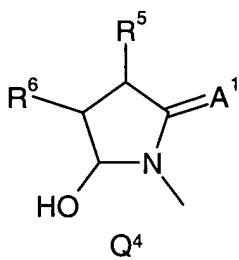
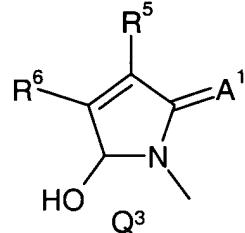
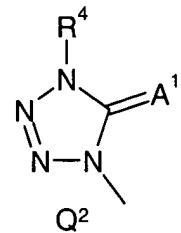
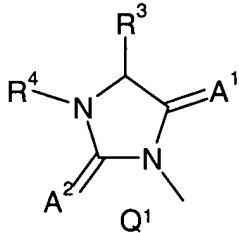
five- or six-membered heteroaryl-C₁-C₄-alkyl having one to four nitrogen atoms or having one to three nitrogen atoms and one oxygen or one sulfur atom or having one oxygen or sulfur atom, which radical may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, amino, C₁-C₆-alkylamino and di(C₁-C₆-alkyl)amino;

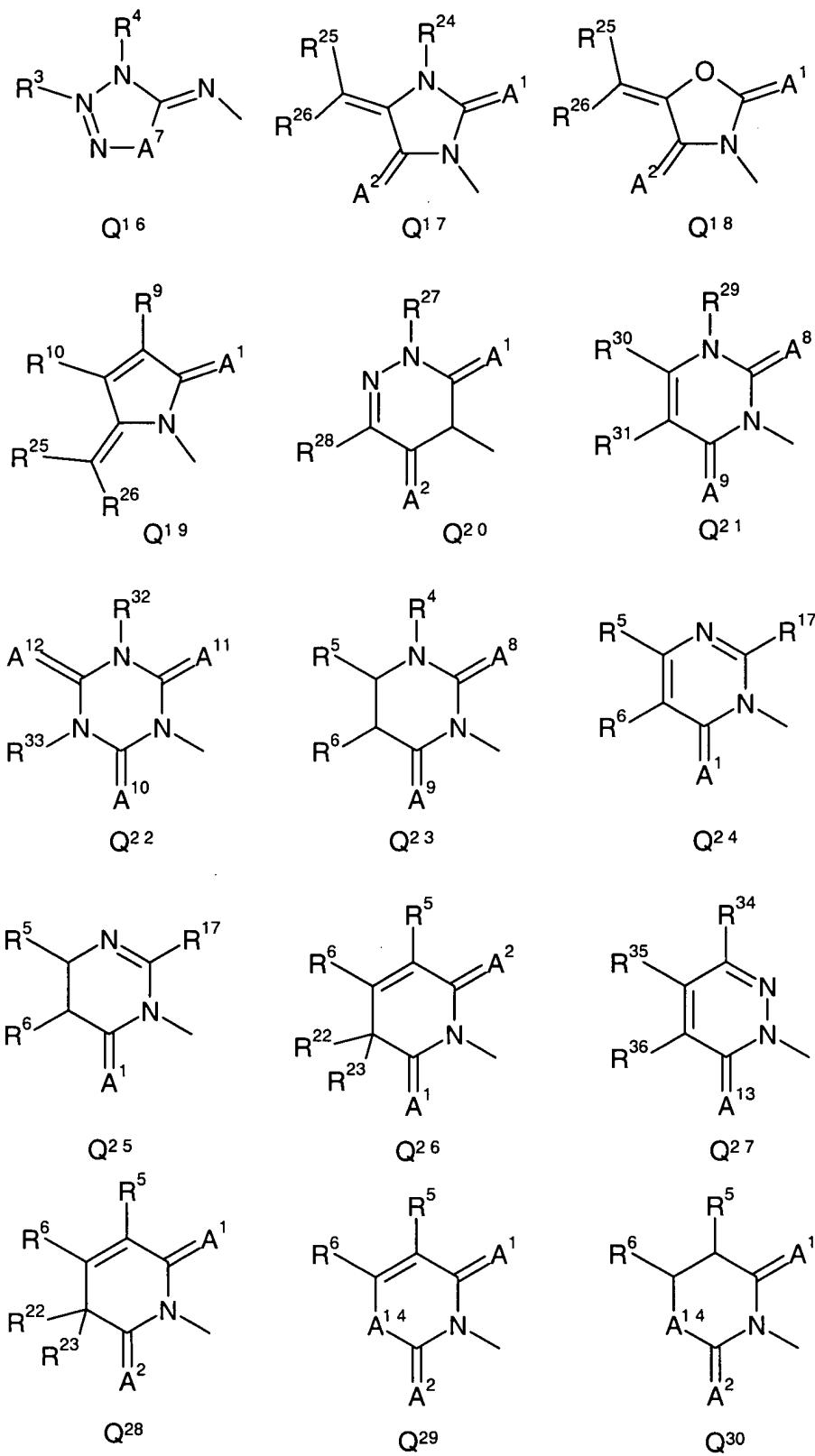
R² is hydrogen, C₁-C₈-alkyl, C₂-C₈-alkenyl, C₃-C₈-alkynyl, C₃-C₇-cycloalkyl, where the four last mentioned radicals may be partially or fully halogenated; or

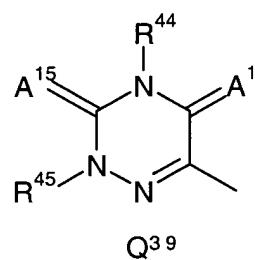
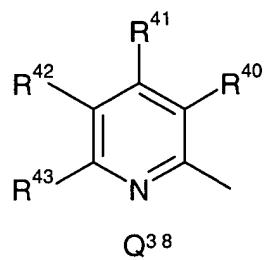
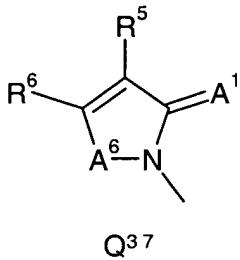
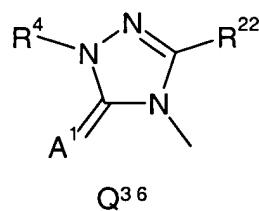
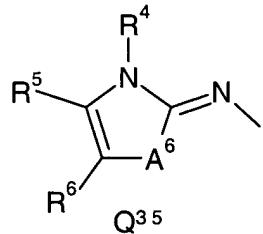
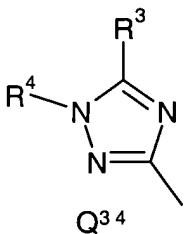
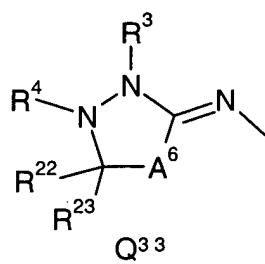
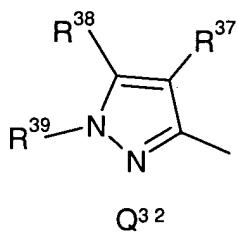
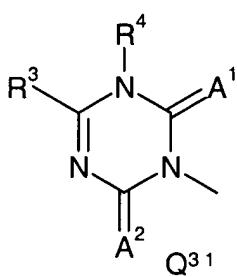
R¹ and R² together with the nitrogen atom to which they are attached form a three- to seven-membered heterocycle which for its part may be

partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl, C₁-C₆-haloalkyl and C₁-C₆-alkoxy;

Q is a radical selected from the group consisting of Q¹ to Q³⁹







A¹ to A¹⁷ are oxygen or sulfur;

R³, R⁴, R⁷, R⁸, R¹¹, R¹², R¹⁸, R¹⁹, R²⁷, R²⁹, R³², R³³, R³⁸, R³⁹, R⁴⁴, R⁴⁵, R⁴⁶ and R⁴⁷ are hydrogen, cyano, hydroxyl, C₁-C₆-alkyl, C₁-C₆-cyanoalkyl, C₁-C₆-haloalkyl, C₃-C₇-cycloalkyl, C₃-C₇-cycloalkyloxy, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₂-C₆-alkenyloxy, C₃-C₆-alkynyl, C₃-C₆-alkynyoxy, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, phenyl-C₁-C₆-alkyl, amino, C₁-C₆-alkylamino or di(C₁-C₆-alkyl)amino; or

R³ and R⁴, R¹¹ and R¹², R¹⁸ and R¹⁹, or R⁴⁶ and R⁴⁷ together with the atoms to which they are attached form a three- to seven-membered heterocycle which for its part may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl and C₁-C₆-alkoxy;

R⁵, R⁶, R⁹, R¹⁰, R¹⁵, R¹⁶, R²⁰, R²¹, R³⁰, R³¹, R³⁵, R³⁶, R⁴¹, R⁴² and R⁴³ are hydrogen, hydroxyl, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₃-C₇-cycloalkyl, C₃-C₇-cycloalkyloxy, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₂-C₆-alkenyloxy, C₃-C₆-alkynyl, C₃-C₆-alkynyoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulfinyl, C₁-C₆-alkylsulfonyl, C₁-C₆-alkoxysulfonyl, C₁-C₆-alkylsulfonyloxy, amino, C₁-C₆-alkylamino or di(C₁-C₆-alkyl)amino; or

R⁵ and R⁶, R⁹ and R¹⁰, R¹⁵ and R¹⁶, R²⁰ and R²¹, or R³⁰ and R³¹ together with the atoms to which they are attached form a three- to seven-membered heterocycle which for its part may be partially or fully halogenated and/or substituted by one to three radicals selected from the group consisting of C₁-C₆-alkyl and C₁-C₆-alkoxy;

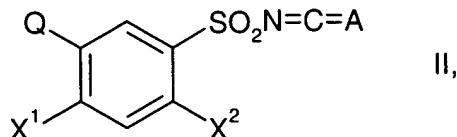
R¹³, R¹⁴, R²², R²³, R²⁵ and R²⁶
are hydrogen, halogen or C₁-C₆-alkyl;

R¹⁷, R²⁸, R³⁴, R³⁷ and R⁴⁰
are hydrogen, halogen, hydroxyl, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₃-C₇-cycloalkyl, C₃-C₇-cycloalkyloxy, C₁-C₆-alkoxy, C₁-C₆-haloalkoxy, C₁-C₆-alkylthio, C₁-C₆-haloalkylthio, C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₂-C₆-alkenyloxy, C₃-C₆-alkynyl or C₃-C₆-alkynyloxy;

R²⁴ is hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-alkenyl, C₃-C₆-alkynyl, C₁-C₆-haloalkoxy, amino, C₁-C₆-alkylamino or di(C₁-C₆-alkyl)amino;

or an agriculturally useful salt thereof.

17. (New) A compound of claim 16, in which X¹ is hydrogen, fluorine or chlorine.
18. (New) A compound of claim 16, in which Q is Q¹, Q², Q⁵, Q⁷, Q⁸, Q¹⁰, Q¹², Q¹³, Q¹⁷, Q²⁰, Q²¹, Q²², Q²³, Q²⁴, Q²⁷, Q³¹, Q³², Q³⁴, Q³⁸ or Q³⁹.
19. (New) A compound of claim 16, in which Q is Q⁷, Q²¹, Q²², Q²⁷, Q³², Q³⁸ or Q³⁹.
20. (New) A process for preparing a compound of claim 16, where X³ is hydrogen, which comprises reacting a benzenesulfonyl iso(thio)cyanate of the formula II



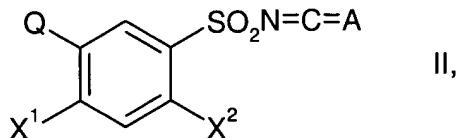
where X¹, X², A and Q are as defined in claim 16,

with an amine of the formula III or an alcohol or thiol of the formula IV

HBR¹ III where B = NR²
IV where B = O, S

where R¹ and R² are as defined in claim 16.

21. (New) A benzenesulfonyl iso(thio)cyanate of the formula II



where X¹, X², A and Q are as defined in claim 16.

22. (New) A composition comprising a herbicidally effective amount of at least one benzenesulfonamide derivative of the formula I or an agriculturally useful salt of I according to claim 16 and auxiliaries customary for formulating crop protection agents.

23. (New) A composition for the desiccation and/or defoliation of plants, comprising such an amount of at least one benzenesulfonamide derivative of the formula I or an agriculturally useful salt of I according to claim 16 that acts as a desiccant and/or defoliant, and auxiliaries customary for formulating crop protection agents.

24. (New) A process for preparing herbicidally effective compositions, which comprises mixing a herbicidally effective amount of at least one benzenesulfonamide derivative of the formula I or an agriculturally useful salt of I according to claim 16 and auxiliaries customary for formulating crop protection agents.

25. (New) A process for preparing compositions having desiccant and/or defoliant action, which comprises mixing a desiccant and/or defoliant effective amount of at least one compound according to claim 16 and auxiliaries customary for formulating crop protection agents.

26. (New) A method for controlling unwanted vegetation, wherein a herbicidally effective amount of at least one benzenesulfonamide derivative of the formula I or an agriculturally useful salt of I according to claim 16 is allowed to act on the unwanted vegetation, their habitat and/or on their seeds.

27. (New) A method for the desiccation and/or defoliation of plants, which comprises allowing a desiccant and/or defoliant effective amount of at least one compound according to claim 16 to act on the plants.

28. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.2.1 to 1.2.689.
29. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.3.1 to 1.3.689.
30. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.8.1 to 1.8.689.
31. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.9.1 to 1.9.689.
32. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.14.1 to 1.14.689.
33. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.15.1 to 1.15.689.
34. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.20.1 to 1.20.689.
35. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.21.1 to 1.21.689.
36. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.26.1 to 1.26.689.
37. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.27.1 to 1.27.689.
38. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.32.1 to 1.32.689.
39. (New) A compound of claim 16, wherein the compound is a compound of formulae 1.33.1 to 1.33.689.